



## pP20γZ

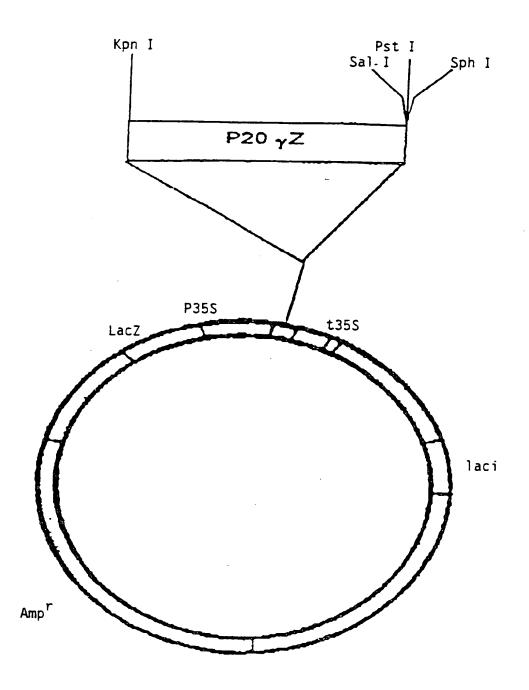


FIGURE 1

**REPLACEMENT PAGE (RULE 26)** 

## $pH45\gamma Z$

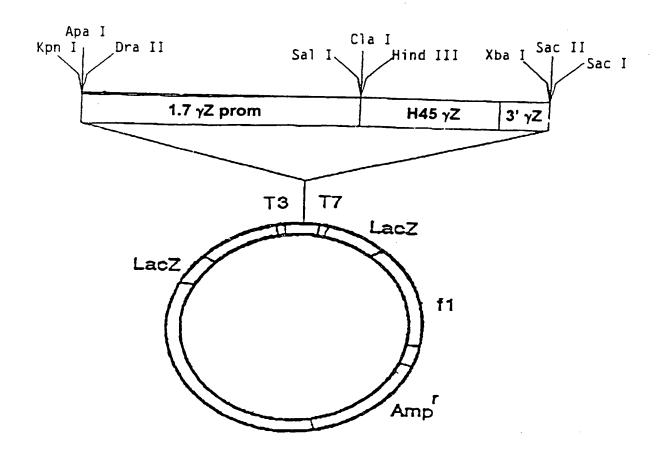
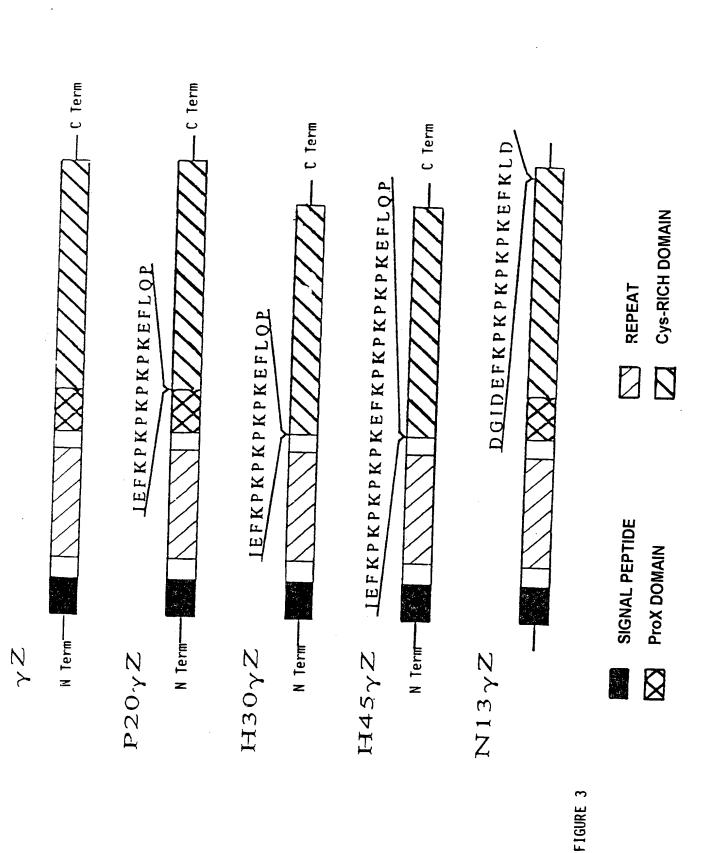


FIGURE 2



**REPLACEMENT PAGE (RULE 26)** 

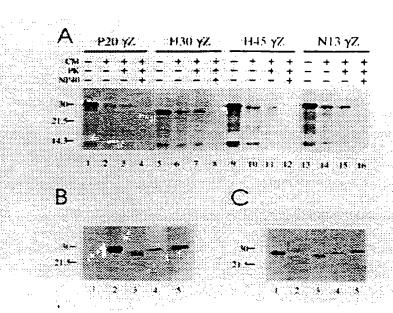


FIGURE 4

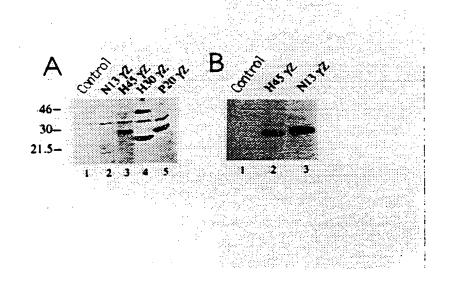
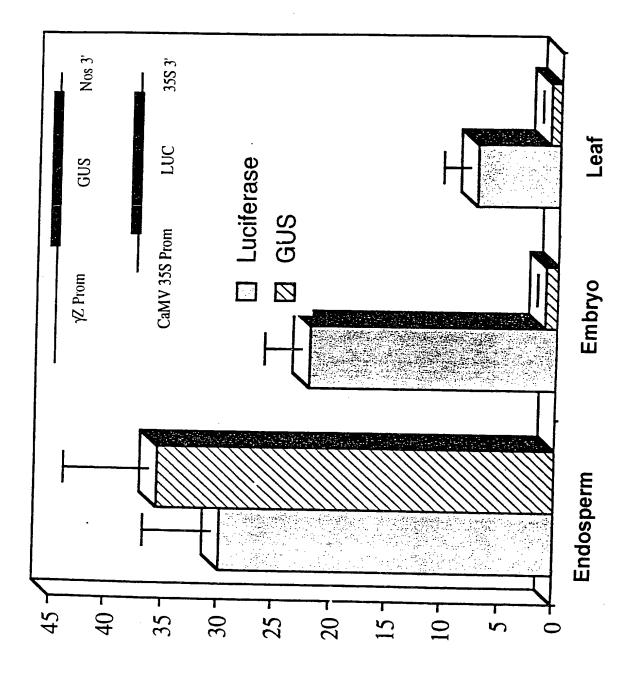


FIGURE 6

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Relative enzymatic activity

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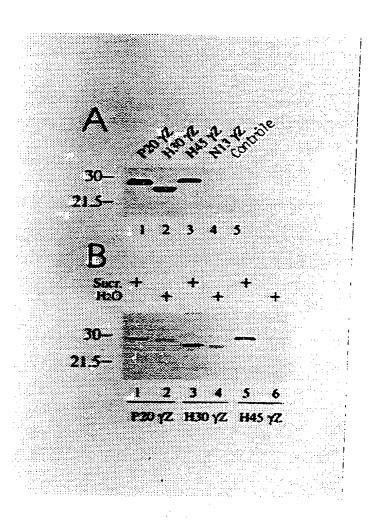
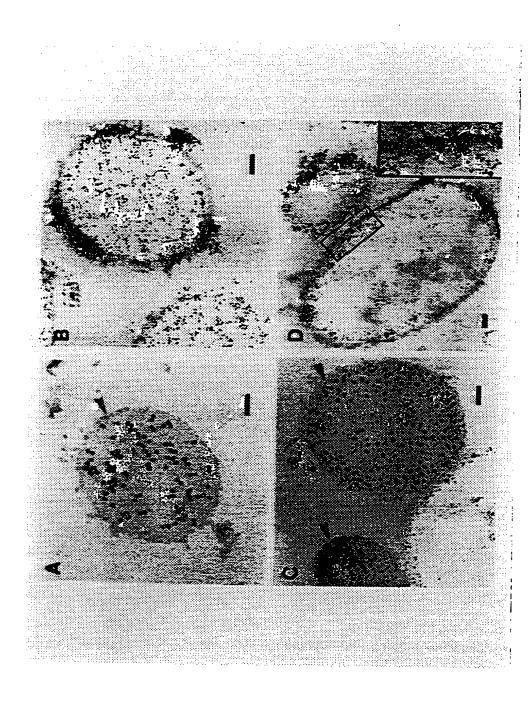


FIGURE 7



FIGURE



10 20 30 | 40 50 60 ATGAGGGTGTTGCTCGTTGCCTCTCGCTCTCGCTGCGAGCGCCACCTCCACG M R V L L V A L A L L A L A A S A T S T 80 90 100 CATACAAGCGGCGGCTGCCAGCCACCGCCGGTTCATCTACCGCCGCCGGTG H T S G G C G C Q P P P P V H L P P P V 140 150 160 170 ı CATCTGCCACCTCCGGTTCACCTGCCACCTGCCACCTGCCACCTG H L P P P V H L P P P V H L P P P V H L 200 210 230 220 CCGCCGCCGGTCCACCGCCGGTCCATGTGCCGCCGGTTCATCTGCCGCCG P P P V H L P P P V H V P P P V H L P P 260 270 280 290 CCACCATGCCACTACCCAACCGCCCCGGCCTCAGCCTCATCCCCAGCCACCCCA PPCHYPTQPPRPQPHPQPHP 330 340 350 320 1 j TGCCCGTGCCAACAGCCGCATCCAAGCCCGTGCCAGCTGCAGGGAACCTGCGGCGTTGGC C P C Q Q P H P S P C Q L Q G T C G V G 390 I 380 400 410 AGCACCCGATCCTGGGCCAGTGCGTCGAGTTTCTGAGGCATCAGTGCAGCCCGACGGCG STPILGQCVEFLRHQCSPTA 440 430 450 460 470 ACGCCCTACTGCTCGCCTCAGTGCCAGTCGTTGCGGCAGCAGTGTTGCCAGCAGCTCAGG T P Y C S P Q C Q S L R Q Q C C Q Q L R 500 510 520 530 CAGGTGGAGCCGCAGCACCGGTACCAGGCGATCTTCGGCTTGGTCCTCCAGTCCATCCTG Q V E P Q H R Y Q A I F G L V L Q S I L 560 550 570 580 I 590 600 CAGCAGCAGCCGCAAAGCGGCCAGGTCGCGGGGGCTGTTGGCGGCGCAGATAGCGCAGCAA QQQPQSGQVAGLLAAQIAQQ

FIGURE 9
REPLACEMENT PAGE (RULE 26)

670 | GTCCCCACTGA V P H -

FIGURE 9 (CONTINUED)

10 / 17 WO 97/28247 PCT/FR97/00167 H45 γ Z 20 30 40 10 60 - 1 - 1 1 ATGAGGGTGTTGCCCTCGCTCTCCTGGCTCTCGCTGCGAGCGCCACCTCCACG M R V L L V A L A L L A L A A S A T S T 90 100 110 1 1 CATACAAGCGGCGGCTGCCAGCCACCGCCGCCGGTTCATCTACCGCCGCCGGTG H T S G G C G C Q P P P P V H L P P P V 140 150 160 170 CATCTGCCACCTCCGGTTCACCTGCCACCTCCGGTGCATCTCCCACCGCCGGTCCACCTG H L P P P V H L P P P V H L P P P V H L 210 200 220 1 1 CCGCCGCCGGTCCACCGCCGGTCCATGTGCCGCCGGTTCATCTGCCGCCG P P P V H L P P P V H V P P P V H L P P 260 270 280 İ 1 1 CCACCATGCCACTACCCTACTCAACCGCCCCGGATCGAATTCAAACCAAAGCCAAAGCCG PPCHYPTQPPRIEFKPKPK 320 330 340 AAGCCAAAAGAATTCAAACCAAAGCCAAAGCCGAAGCCAAAAGAATTCCTGCAGCCCCTG K P K E F K P K P K P K E F L Q P L 380 390 400 410 1 CAGGGAACCTGCGGCGTTGGCAGCACCCCGATCCTGGGCCAGTGCGTCGAGTTTCTGAGG Q G T C G V G S T P I L G Q C V E F L R 450 460 440 470 1 CATCAGTGCAGCCCGACGCCGACGCCCTACTGCTCGCCTCAGTGCCAGTCGTTGCGGCAG H Q C S P T A T P Y C S P Q C Q S L R Q 510 500 520 530 CAGTGTTGCCAGCAGCTCAGGCAGGTGGAGCCGCAGCACCGGTACCAGGCGATCTTCGGC Q C C Q Q L R Q V E P Q H R Y Q A I F G 560 570 580 590 600 TTGGTCCTCCAGTCCTGCAGCAGCAGCCGCAAAGCGGCCAGGTCGCGGGGCTGTTG L V L Q S I L Q Q Q P Q S G Q V A G L L 620 630 640 650 660 GCGGCGCAGATAGCGCAGCAGCGACTGCAGCGGCCTGCAGCCGACTCCATGC

**REPLACEMENT PAGE (RULE 26)** 

FIGURE 10

AAQIAQQLTAMCGLQQPTPC

670 680 690

| | | | |
CCCTACGCTGCTGCCGGCGTGTCCCCCACTGA
P Y A A A G G V P H -

FIGURE 10 (CONTINUED)

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FIGURE 11
REPLACEMENT PAGE (RULE 26)

TGA

FIGURE 11 (CONTINUED)

pBin 19 P20 $\gamma$ Z

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ter ocs Sal I Pst I Sph I Kpn -EcoR I EcoR Kpn I Cla I Hind III CaM 358 EcoR 1

FIGURE 12

**REPLACEMENT PAGE (RULE 26)** 

pBin 19 H30yZ

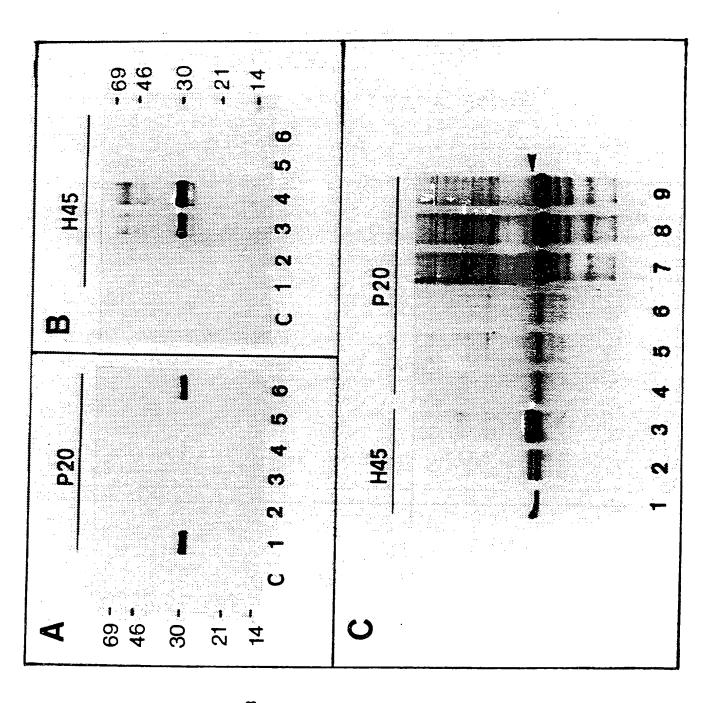


FIGURE 13

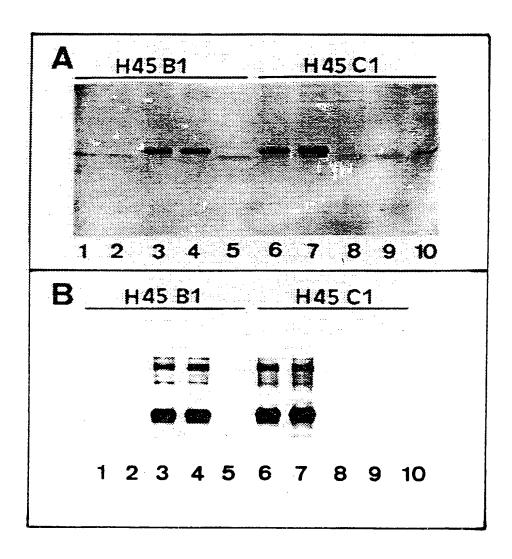


FIGURE 14

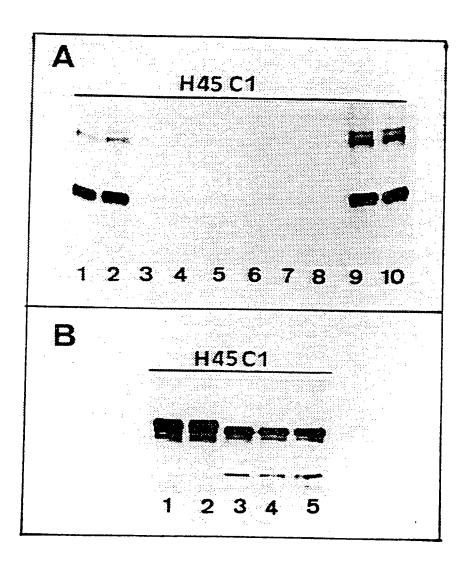


FIGURE 15